

# Conservation Agriculture and Food Security Symposium

## Sponsored by:

- SWCS International Activities (IAC) Committee, Sarah Workman, Chair
- Sustainable Agriculture and Natural Resource Management Collaborative Research Support Program (SANREM CRSP), Virginia Tech, Theo Dillaha, Program Director



# Acknowledgements

## International Activities Committee

- works to raise the visibility of international issues within SWCS
- promote the protection, enhancement, and wise use of soil, water, and related resources globally, and
- raise the membership's knowledge of global issues.



# Acknowledgements

## **SANREM CRSP**

- Based in the Office of International Research, Education, and Development at Virginia Tech
- Conducts applied research and capacity building activities to empower stakeholders and improve livelihoods of small land holders in developing countries through sustainable management of agricultural and other natural resources.



# Acknowledgements

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# Symposia Goals

- Explore the role of conservation agriculture (CA) in improving food security in developing countries.
- Serve as a kick-off meeting for the next 5-year phase of the SANREM CRSP, which focuses on CA for smallholders in food insecure developing countries.



# Symposia Goals

More specifically, the symposium will explore:

- Principles of conservation agriculture
- Role of declining soil quality in food insecurity
- Potential of conservation agriculture to improve soil quality and agricultural productivity
- Causes and consequences of the food security crisis
- Challenges that must be overcome if conservation agriculture is to improve food security
- Environmental benefits of conservation agriculture





# Symposia Agenda

- **Conservation agriculture in developing countries, Josef Kienzle, UN FAO**
- **Soil carbon sequestration for advancing food security and off setting CO<sub>2</sub> emissions, Rattan Lal, Ohio State**
- **Food security crisis: causes and solutions, Jonathan Winsten, Univ. of Vermont (John M. Staatz, Michigan State)**
- **Conservation agriculture and soil quality, Paul Hepperly, Rodale Institute**



# Symposia Agenda

- CA and ecosystem services, Theo Dillaha, Virginia Tech
- Challenges and opportunities for small-holder adoption of CA, Keith Moore, Virginia Tech
- Panel discussion on CA in developing countries
- Question and answer period on the SANREM CRSP Phase IV CA research program and call for proposals





# Note

**This symposia is being recorded  
and will be available via the  
internet after the meeting.**

